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DEPENDABLE GLADS

SPRING 1944

Grown by

MAR 14 1944
U. S. Department of Agriculture

FOSS HEATON GLAD GARDENS

My 21st year growing and selling glads.

CRESTON, IOWA

HAWKEYE RED (FOSS HEATON, 1944)

The Reddest of the Reds

One morning during the 1940 blooming season I noticed among the VAGABOND PRINCE blooms a blazing red. That miraculous plant certainly merited and secured meticulous attention from me from that moment on. There was no doubt from the very first that it is a true sport of VAGABOND PRINCE.

It retains very closely the familiar habits and qualities of VAGABOND PRINCE. Sometimes I think it is perhaps slightly larger and more wide-open, but maybe not. Except for the color, VAGABOND PRINCE is a high-rating glad. As evidence of this there is its impressive show record of the past several years.

I have never seen a richer, truer red in any flower. Best described as a brilliant deep crimson-red, with a deeper tone in the throat. I have never seen any sun-fading or rain-streaking. The color is crystal-clear and velvety-smooth, never any flecking or dullness appearing.

The petals are broad, the blooms always correctly faced and spaced on a very tall graceful heavy spike, well above the heavy green foliage. And like VAGABOND PRINCE, a lot of flower on that spike.

The blooms are firmly set to the spike. It is a fine keeper as a cut flower, blooming every bud, with no drooping of the spike.

I firmly believe it is a worth-while addition to the red class. Being a true sport, it is settled in its habits and therefore dependable.

With such a prolific glad the time to start it in your collection is now. Any size bulb, \$5.00 each. Selected bulblets, 50c each, \$5.00 per 12.

TERMS OF SALE

My bulbs are Iowa grown in black soil, or a rich clay loam, without irrigation or fertilizing. They are young and vigorous, high-crowned and full of pep. They come to you at the peak of their ability to produce fine blooms. All stock is offered free of disease and thrips.

All prices quoted are for prepaid delivery. Bulbs must please you or no sale. Cash with order, or part cash and balance before delivery. All orders subject to prior sale or conditions beyond our control.

Winter shipments are unsafe. I prefer to ship in the Spring, except at customer's risk, or if the customer lives in the South or in California. I have an ideal storage place, and all Winter in which to clean and grade and count your orders. In any case, my bulbs are dug in October, washed and cured in November, and should for best results remain in storage during the dormant period, which lasts until towards the end of January.

5 bulbs at the 10 rate, 6 at the 12 rate, 25 at the 100 rate. No item for less than 10c, and no order for less than \$1.00, please. Labor costs are too high for smaller items or orders. No warranty as to results is implied, beyond the price of the bulbs. Mail all orders direct to Foss Heaton Glad Gardens, Creston, Iowa. All previous offers are hereby cancelled.

BULB SIZES

No. 1, 1½ inches and over. No. 2, 1¼ to 1½ inches. No. 3, 1 to 1¼ inches. No. 4, ¾ to 1 inch. No. 5, ½ to ¾ inch. No. 6, under ½ inch.

In the descriptive list below, L means Large size (1¼ inch and up), M means Medium size (¾ inch and up), No. 5 means ½ inch and up. A. S. means a package of 25 bulbs consisting of Assorted Sizes, namely, 5L and 5M and 15 No. 5 bulbs. A planting of different sizes usually means a longer blooming season. Small means both No. 5 and No. 6 sizes.

- ALBATROS** (Pfitzer). Mid-season. No touch of cream in this paper-white glad. Rank growth and tall spikes. For 15c, either 4M, or 8 No. 5, or 100 Blts. No. 5, \$1.20 per 100.
- ALGONQUIN**. (Palmer). Mid-season. A winner of many prizes in the red class at the recent shows. A self-color, and plenty of open blooms. Petals are long and rather narrow, the color clear and smooth. Large, 10c each, \$1.00 per 12. Medium, 2 for 15c, 70c per 12. Small, 3 for 15c, 50c per 12. One A. S. for \$1.20. Blts., 25c per 100.
- AMBERGLOW** (Palmer). Early mid-season. The deepest of the yellows that I know of. Medium size, plenty open, slender spike, slender petals rather loosely held, but very graceful. For 15c, either 3M, or 6 No. 5, or 100 Blts. No. 5, \$1.50 per 100.
- AVALON** (Marshall). Mid-season. A ruffled light pink, with unusual purity of color. Large, 25c each. Medium, 15c each. Blts., 25c per 20.
- AVE MARIA** (Pfitzer). Early mid-season. This blue has led the list of the lighter blues for a long time. It has plenty open, and appears really blue out there in the garden. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- BAGDAD** (Palmer). Late. Smoky old rose. It came from the same cross as **PICARDY**. The growth is heavy and healthy, the spikes husky and tall, and the blooms massive. For 15c, either 4M, or 8 No. 5, or 100 Blts. Medium, \$1.80 per 100. No. 5, \$1.00 per 100.
- BARCAROLE** (Palmer). Late mid-season. This ruffled orange is gaining in popularity. It is a near approach to the orange we are looking for. The growth is very vigorous, and the color attractively clear. For 15c, either 2L or 3M, or 6 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- BEACON** (Palmer). Mid-season. To my notion one of the half-dozen most promising glads. It is so strikingly clear-cut in its two colors, — namely, a rich yellow heart surrounded by a wide border of brilliant clear light scarlet on the edges of all the petals. Fine grower, and well-named. Dependable. Sold out except No. 5, 8 for 15c, \$1.50 per 100. Blts., 15c per 100.
- BLACK OPAL** (Errey). Mid-season. Not so dark as **MAROCCO**, but this black-red has wide massive blooms on a much heavier spike. Sold out except No. 5, 30c per 12, \$1.40 per 100. Blts., 15c per 100.
- BLUE ADMIRAL** (Christ). Mid-season. One of the best of the darker blues. Not as dark as **PELEGRINA**, though it has a far better spike, and has larger blooms. Blooms out well when cut. Blooms readily from all sizes of bulbs. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts., For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- BLUE BEAUTY** (Pfitzer). Early mid-season. This is replacing **AVE MARIA**. About the same color, but the throat blotch is dark blue, where **AVE MARIA** has a reddish marking in the throat. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- BLUET** (Mitsch). Early. About the same in color as **AVE MARIA** and **BLUE BEAUTY**, but the big pure white throat blotch makes of this a very striking glad. Medium, 20c each. Blts., 20c per 12.
- CAMELLIA** (Palmer). Mid-season. A big white, slightly tinged pink, with a big contrasting throat blotch. For 15c, either 3M, or 6 No. 5, or 100 Blts. For 60c, either 20M, or 40 No. 5.
- CHAS. DICKENS** (Pfitzer). Late mid-season. The best purple for many years, until recently. Extremely tall, and blooms well from small bulbs. Sold out except Small, 8 for 15c, \$1.00 per 100. Blts., 15c per 100.
- CHAMOUNY** (Baerman). Mid-season. An unusual glad. A solid white background overlaid with a rich true rose color. The spike, while perhaps not so tall as some, has practically all the blooms open at once, and perfectly placed. A free bloomer. Large, 15c each, \$1.50 per 12. Medium, 10c each, \$1.00 per 12. Blts., 25c per 100.
- COM. KOEHL** (Pfitzer). Late mid-season. This big deep blood-red is very popular. A self color, and plenty open. Sold out except No. 5, 8 for 15c, \$1.20 per 100. Blts., 15c per 100.
- CORAL GLOW** (Ellis). Mid-season. Another very fine one in the orange class. It is much larger than **BARCAROLE**, and more blooms open, but the color is deeper. A gorgeous glad, and prize winner. No. 5, 40c per 12, \$2.50 per 100. No. 6, 30c per 12, \$1.50 per 100. Blts., 25c per 100. Small sizes bloom well.
- CORONA** (Palmer). Mid-season. Every one who saw this glad in my fields fell in love with it. It proved to be the sensation at last Summer's glad shows. The huge creamy white

- wide-open blooms have a deep fligree border around each and every petal, consisting of clear-cut deep pink lines in a lacy pattern. Many open on a fine spike. A must-have in any glad garden. Medium, 15c each, \$1.50 per 12. Blts., 25c per 100.
- CRINKLE CREAM** (Ellis). Early mid-season. A very tall rich cream. The blooms are huge, and very gracefully arranged, and somewhat ruffled. The color is clear, deepening in the throat. A strong dependable healthy grower. Large, \$4.00 each. Blts., 40c each.
- DIANE** (Kreuger). Late. A new one in the orange class, and a fine one. This orange beauty appears to have great possibilities. No. 5, 2 for 10c, 50c per 12.
- DREAM O'BEAUTY** (Zimmer). Late mid-season. Brilliant deep rose, or wine-red, a color still unmatched in glads. A color very useful to the florists, and a dazzling beauty in any garden. Not well-arranged on the spike, but very popular in spite of this. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- ELWOOD** (Heaton). Late. A seedling of MINUET, and like it in color and form. But it is much larger, and clearer in color. The throat blotch is pure white. A better keeper than MINUET, so I was told by a large grower for the cut-flower market, who is discarding MINUET for ELWOOD. For 15c, either 3M, or 6 No. 5, or 100 Blts. No. 5, \$2.00 per 100.
- ETHEL CAVE-COLE** (Cave). Mid-season. A free-blooming, easy-to-grow, distinctly different pink, best called a very bright flesh pink. Very prolific. Large, 15c each. Medium, 10c each. No. 5, 2 for 10c, 50c per 12. Blts., 15c per 20.
- GENGHIS KHAN** (Scheer). Mid-season. My experience with this one places it near the head of the list of all the newer glads. I thought NEW ERA was ruffled, but this one beats it. I never liked the word "leather" in describing substance, but it fits this time. It has a very tall spike, and plenty of huge blooms perfectly arranged, and the color is just like NEW ERA, a clear pure pink. Strong grower and prolific. Large, \$5.00 each. Medium, \$3.50 each. Blts., 50c each.
- GOLDEN DREAM** (Gross). Late. I thought GOLDEN DREAM was a fine glad for my first catalog twenty-one years ago, and I still think well of it. A deep yellow with many open, and a strong grower. It is one glad that does not "run out", as do so many, as time passes. For 15c, either 4M, or 8 No. 5, or 100 Blts. For 60c, either 20M, or 40 No. 5.
- GRETA GARBO** (Pfitzer). Mid-season. A nice blush white. Large, 10c each, \$1.00 per 12. Medium, 2 for 15c, 70c per 12. Blts., 15c per 25.
- HAWKEYE RED** (Foss Heaton, 1944). Mid-season. The reddest of the reds. See description elsewhere. Any size, \$5.00 each. Selected bulblets, 50c each, \$5.00 per 12.
- INDIAN PRINCESS** (Zimmer). Early. This vivid deep rose resembles CRINKLES very much, both in color and ruffling. It is larger and taller, much more slender and graceful, and very heavily ruffled. For 15c, either 3M, or 6 No. 5, or 100 Blts. No. 5, \$2.00 per 100.
- IRAK** (Mitsch). Late. This sport of BAGDAD has the same qualities and habits as BAGDAD, but the color is a lively slate-gray. Growing in popularity. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- KING ARTHUR** (Arenius). Late. A distinctive deep lavender. Very large and heavily ruffled. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- KING LEAR** (Palmer). Mid-season. This huge heavily ruffled bright purple is about the best of that color. A fine white line on the edge of every petal does not detract in the least, but adds a note of mystery. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. One A. S. for 75c.
- LEONA** (Pruitt). Late mid-season. A bright red-purple with a sort of wine undertone. Plenty open on a nice spike. A good one. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. One A. S. for 75c.
- LIBERATOR** (Baerman). Early mid-season. A big scarlet with a rosy blotch. Rather unusual. Large, 15c each, \$1.50 per 12. Medium, 10c each, \$1.00 per 12. Small, 2 for 10c, 50c per 12. Blts., 15c per 25.
- MAID OF ORLEANS** (Pfitzer). Mid-season. The standard white for a number of years. A free bloomer from all sizes of bulbs. Tall, wide-open, creamy throat. A dependable white. Sold out except Small, 8 for 15c, \$1.20 per 100. Blts., 15c per 100.
- MARGARET BEATON** (Twomey). Mid-season. Proclaimed by many the best glad since PICARDY. Tall, stretchy, graceful. Pure white with a red feather, and plenty large. In tremendous demand. Sold out except for a quantity of heavy meaty No. 5's, that will bloom very nicely, at 40c per 12. Blts., 25c per 100.

- MARGUERITE** (Pommert). Late mid-season. Very impressive here this season. A very large tall geranium pink, and a vigorous plant. Small, 25c each. Blts., 25c per 12.
- MAROCCO** (Pfitzer). Early mid-season. The blackest red of them all so far. Not large, but very tall and graceful. At a distance it appears truly black, as the unopened buds really are. Very glossy. For 15c, either 4M, or 8 No. 5, or 100 Blts. Medium, \$1.80 per 100. No. 5, \$1.00 per 100.
- MARSEILLAISE** (Scheer). Late mid-season. A very bright red with a heavy white line on each lower petal. Strong grower and prolific, and plenty open at one time. Small, 35c each. Blts., 60c per 12.
- MARY ELIZABETH** (Stevens). Mid-season. Very much ruffled creamy white, with a large number open on a thick heavy spike. Rich deep yellow large throat blotch. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- MINUET** (Coleman). Mid-season. Not only the standard lavender pink for many years, but a standard for all other glads. Scores high in all the desirable points. Sold out except No. 5, 6 for 15c, 40 for 60c. Blts., 15c per 100.
- MOTHER MACHREE** (Stevens). Mid-season. The most popular smoky for many years. Best described as salmon buff on gray. Sold out except No. 5, 6 for 15c, 40 for 60c. Blts., 15c per 100.
- MRS. E. J. HEATON** (Heaton). Early mid-season. Glowing salmon, with creamy throat. Noted for heat resistance and keeping qualities. For 15c, either 4M, or 8 No. 5, or 100 Blts. For 60c, either 20M, or 40 No. 5.
- MYRNA** (Pruitt). Early mid-season. The heaviest winner of blues and purples at the twenty to thirty big glad shows throughout the country last Summer. Easy to grow championship spikes from this variety. Nicely ruffled white with a creamy throat. Most of the spike open, and fine arrangement. A very free bloomer, even from the smallest bulb. The finest of the modern whites that I have seen. Large, 20c each. Medium, 15c each. Blts., 20c per 12.
- NEW ERA** (Ellis). Mid-season. Noted for its purity of color. Hard to find a pink color to equal it from any source. It is also very heavily ruffled, and has many open at once, on a husky spike. Sold out except Small, 25c per 12. Blts., 25c per 100.
- OREGON GOLD** (Majeski). Late mid-season. The finest yellow in existence, in my opinion. Finer than ever the past season. Very large, many open, ruffled light yellow, with a deeper throat. Crystal-clear color. Splendid keeper when cut. Large, 40c each, \$4.00 per 12. Medium, 30c each, \$3.00 per 12. Blts., 40c per 12.
- PAUL PFITZER** (Pfitzer). Early. A rich true purple of the blue-purple class, and thus distinctive. As rich as an iris. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.
- PEGGY LOU** (Wilson). Mid-season. A full sister of PICARDY, a cross of EMILE AUBRUN on APRICOT GLOW. A sturdier spike, with more open blooms, than PICARDY. The color is more of a rose pink than the salmon of PICARDY. Has won numerous ribbons at the shows. For 15c, either 4M, or 8 No. 5, or 100 Blts. For 60c, either 20M, or 40 No. 5.
- PELEGRINA** (Pfitzer). Early. The deepest blue of them all. No other blue glad as near true blue. The buds are black. Nearly the entire spike open at once, or showing color. A free bloomer from small bulbs. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. For 60c, one A. S. Medium, \$1.80 per 100. No. 5, \$1.00 per 100.
- PHYLLIS McQUISTON** (Stewart). Late mid-season. A pure pink, with a white throat. A strong grower. For 15c, either 4M, or 8 No. 5, or 100 Blts. No. 5, \$1.20 per 100.
- PICARDY** (Palmer). Mid-season. The sensation of the glad world ever since its introduction in 1930. The florists have never found another glad with qualities so well adapted to their needs. A bright salmon pink. Sold out except Small, 20c per 12, \$1.50 per 100. Blts., 15c per 100.
- PRAIRIE BEAUTY** (Foss Heaton, 1944). What a beauty! Clear, glistening, uniform, bright salmon, clean and pure, with never any flecking or fading, or blending into anything else. The pure rich cream throat blotch is clear-cut. The most beautiful of all the salmon colors I have ever seen in any glad, and I believe you will think the same. Words cannot do it justice. PICARDY was the pollen parent, and it is very similar in spike, form, and habits. Any size bulb, \$5.00 each. Blts., 50c each, \$5.00 per 12.

PURPLE BEAUTY (Roozen). Mid-season. This new purple is equally as good as **KING LEAR**. The color is rich, velvety and smooth. The petals are broad, and the blooms are very large and wide-open, on a fine spike. I can highly recommend this one. Large, 15c each, \$1.50 per 12. Medium, 10c each, \$1.00 per 12. Blts., 15c per 12.

QUEEN HELEN 2ND (Salbach). Late mid-season. A vigorous salmon pink, with plenty of open blooms of large size. Sold out except No. 5, 20c per 12. \$1.00 per 100. Blts., 15c per 100.

RED LORY (Errey). Mid-season. A large bright red, lit up by a large purple blotch. Wins many awards in glad shows in the "most open" class, as it blooms practically the entire long spike at once. A free bloomer from small bulbs. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.

RED PHIPPS (Briggs). Early. A bright light scarlet, sometimes called a deep pink. It opens many blooms at once. A dependable glad. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. One A. S. for 60c. Medium, \$2.00 per 100. No. 5, \$1.20 per 100.

REWI FALLU (Fallu). Mid-season. Remarkable for its great size and its glossy velvety texture. A dark carmine-red. A remarkable glad. Sold out except No. 5, 20c per 12, \$1.20 per 100. Blts., 15c per 100.

RIMA (Mitsch). Early mid-season. A clear lilac-blush pink. Large and wide-open. A distinctive glad. Wish it were more prolific. No. 5, 3 for 15c, 50c per 12.

ROSALIE (Zimmer). Early. A real rose-pink, though sometimes flaked. Very attractive. For 15c, either 2L, or 4M, or 8 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.

ROSA VAN LIMA (Pfitzer). Mid-season. A light geranium-pink that wins at the shows. Medium, 2 for 15c. No. 5, 4 for 15c. Blts., 15c per 100.

RUFFLED GOLD (Goodrich). Early. A very attractive light yellow that is exquisitely formed and somewhat ruffled. Small pink feather. Popular with my customers. For 15c, either 4M, or 8 No. 5, or 100 Blts. Medium, \$1.80 per 100. No. 5, \$1.00 per 100.

SENSATION (Marshall). Late. Here is a glad that is really creating a sensation among my customers who have seen it. The size of the individual blooms and the heavy tall spike remind one of **MRS. LEON DOUGLAS** when it was first introduced. An immense ruffled geranium-pink. Very showy and gorgeous. Large, 15c each, \$1.50 per 12. Medium, 10c each, \$1.00 per 12. Blts., 25c per 100.

SMILING MAESTRO (Christ). Mid-season. Another fine geranium pink. Among the best. For 15c, either 4M, or 8 No. 5, or 100 Blts. No. 5, \$1.20 per 100.

SNOWBOUND (Ellis). Mid-season. A new white that is really white. No cream in this one. It is a solid white of very heavy substance and velvety glossy texture, and as regular in spike and bloom as a **MINUET**. It is going to be hard to better this one, in my opinion after one season with it. Large, \$25.00 each. Blts., \$2.50 each.

SNOW PRINCESS (Pfitzer). Late mid-season. Very much like **MAID OF ORLEANS** in many ways. More vigorous and more easily grown, but requires the larger bulbs for best results. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S. A good white.

SWEET ALIBI (Canine). Mid-season. A geranium-pink that blooms nearly the entire spike at once. Medium size blooms correctly placed. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5 or one A. S.

TIMBUCTOO (Zimmer). Mid-season. Deep rose-red, very nearly the same color as **DREAM O'BEAUTY**. But the spike is a very fine spike, with the broad-petaled wide-open deep rose blooms correctly spaced and faced. Also somewhat larger. May displace **DREAM O'BEAUTY**. No. 5, 2 for 15c. Blts., 15c per 12.

VAGABOND PRINCE (Palmer). Mid-season. A rich mahogany brown, with a big scarlet blotch. Splendid growing habits. A most unusual color. Wins numerous awards. For 15c, either 4M, or 8 No. 5, or 100 Blts. For 60c, either 20M, or 40 No. 5.

VALERIA (Pruitt). Early mid-season. This big tall flag-red is taking DR. F. E. BENNETT'S place in the scarlet class. A spike sent up from a VALERIA bulb, of whatever size, is a good spike. The arrangement is far better than BENNETT'S. A bright color, and a self-color. One of the very best, and most dependable. For 15c, either 2L, or 3M, or 6 No. 5, or 100 Blts. For 60c, either 10L, or 20M, or 40 No. 5, or one A. S.

WHITE GOLD (Scheer). Early. Among the earliest to bloom and about the biggest of all, — an unusual combination. By far the finest in the cream class. A real cream, not a white-yellow. Exceedingly strong grower. For best results use the larger bulbs. Large, 60c each, \$6.00 per 12. Medium, 40c each, \$4.00 per 12. Small, 30c each, \$3.00 per 12. Blts., 60c per 12.

WINGS OF SONG (Ellis). Mid-season. The spikes, even from the smallest bulbs, are so full of big wide blooms that you'll have to stake them. One of the most floriferous of all glads, and a very free bloomer. Has won many ribbons at the shows. The color is a rich geranium pink, somewhat lighter in the throat. Large, 2 for 15c, 70c per 12. Medium, 2 for 10c, 50c per 12. Blts., 15c per 25.

WURTEMBERGIA (Pfitzer). Late mid-season. Rather old variety, but folks like it very much. A big tall scarlet with a large white blotch. For 15c, either 4M, or 8 No. 5, or 100 Blts. Small, \$1.20 per 100.

(The above 71 varieties are from 29 different originators).

SUPERIOR MIXTURE

No varieties enter into this mixture except from the named and time-tested varieties offered elsewhere in this catalog. This means a mixture of high quality. This mixture is also made up of all the different colors, so long as the stock is available, namely, white, yellow, red, lavender, blue, pink, salmon, purple, rose, wine, cream, orange, black-red, scarlet, smoky. Not surprising that I send out hundreds of these mixtures. It is mixed at the time your order is shipped. If there are certain colors you do not care for, let me know, and they will be left out. Order 100 bulbs, at least, to get the full benefit of this fine mixture. Medium, \$1.60 per 100. No. 5, 80c per 100, \$7.50 per 1000.

There is a fast-growing demand for the smaller young bulbs, such as No. 4's and No. 5's that have never bloomed. Large growers for the big cut-flower markets use them extensively. A good many of my customers are finding these sizes very satisfactory. Try them for yourself, at least for a part of your order. A good many varieties do very well indeed from No. 5's, and some of these are so indicated in the variety descriptions above.

A FEW OF THE NEWER GLADS THAT ARE GOOD

OREGON GOLD again this past season was certainly outstanding for sheer beauty and gorgeousness. I had spikes over waist-high from No. 6 bulbs, spikes that opened, every one of them, from 6 to 9 big wide-open blooms at once (one had eleven). On just good Iowa corn ground that has never been watered or fertilized, for at least 15 years. A grand spike, well-placed, close-fitting blooms, opening to the very tip days after being cut, nicely ruffled, and a clear light yellow, deepening into a crystal-clear rich yellow throat. Just the yellow for Iowa, at least.

WHITE GOLD. Most folks want them big and showy. Well, here is one to their taste. With all of its great size, however, it is never floppy, or messy, but a very graceful and dignified flower. The color is a real cream, not a pale yellow, and deepens to a rich cream throat. And very early.

Four more top-notchers are **CORONA**, **GENGHIS KHAN**, **SENSATION**, and **WINGS OF SONG**. **CORONA** is most striking and unusual. **GENGHIS KHAN** is a glorified **NEW ERA**. **SENSATION**, — well-named, — was simply grand this past season. **WINGS OF SONG** is a whale of a lot of flower. Other good ones include **MYRNA**, the champion winner of purple and blue ribbons at the many shows the past summer. **VALERIA**, the grand and dependable flag-red. **MARGARET BEATON**, acclaimed the best since **PICARDY**. **KING LEAR** and **PURPLE BEAUTY**, the two finest purples I know. **CORAL GLOW**, a gorgeous orange. **RIMA** and **NEW ERA**, two lovely pinks. The well-named and striking **BEACON**. The glistening velvety **REWI FALLU**.

GROWING HINTS

You can be reasonably sure of having glad blooms in most any soil or climate or weather. If your season is short, plant the early varieties. If your summers turn hot and dry along in August, plant them very early, or very late, and you will avoid this period for the blooming.

In planning your glad season, here are some "don'ts".

(1) Don't plant near trees, or too close to buildings that would shade them. This is very important. Some glad enthusiasts say to stay at least 100 feet away from any tree. I would say, do not plant at a less distance from a tree than the height of that tree. Glads simply will not do well there, or in partial shade. Have you ever seen corn planted too near a grove? That's the way it affects glads, only more so. Plant out away from things, where the soil moisture and elements for plant growth are preserved for your glads.

(2) Don't starve your glads. Plant the bulbs at least three or four inches apart in the row. Thick planting lessens the quality of the blooms through lack of sufficient soil food and moisture. While glads do well in nearly every soil, they certainly do respond quickly and eagerly when the soil is rich. If you use fertilizer, then observe certain precautions. For instance, manure should be well rotted, or plowed under the fall before. A balanced commercial fertilizer should be thoroughly incorporated in the soil, not left too near the bulb. In either case, be sure there is plenty of moisture. If you have to supplement natural rainfall, then do it thoroughly each time you do it. A little, even if very often, is worse than none at all. The little feeder roots go where the moisture is, so do not pull them towards the surface by shallow watering. Weeds also starve the glads, so keep them away. Plenty of soil food and moisture make for gorgeousness in glads.

(3) At digging time don't cure your bulbs by spreading them out in the sun to dry. The sun dries them too fast, so that they at once become soft. Of course, they later on become solid again, but there is a shock to the bulb, and a lessening of its vitality. Cut off the tops close to the bulb as soon as dug, and place in small containers, such as paper bags, and at once store in a dry frost-proof place to cure slowly. That is Nature's way where glads originally came from, the wilds of the semi-arid regions of South Africa, where the bulbs stay in the ground when the dry season comes on.

Set the larger bulbs upright when you plant. But the smaller ones need not be. Plant three to six inches deep, and as early as you wish in the spring, if the soil is ready to work, provided there is no longer danger of frost reaching down to the planted bulbs.

There are three different ways of prolonging the blooming season by the manner of planting: (1) Plant assorted sizes. The smaller bulbs will bloom later than the others. (2) Plant the larger bulbs at intervals of about two weeks, up until July for the early varieties, or the middle of June for the late varieties, in the latitude of Iowa. (3) Plant late varieties as late as you dare, and early varieties as early as you can, and mid-season varieties at intervals. Or, use any combination of these three ways.

Many of my customers have tried my No. 5 size of bulbs, and have expressed surprise and pleasure at the fine blooms these 5's have given them. Where growing conditions are favorable, such as good soil and plenty of moisture, or in conditions similar to Iowa conditions, young bulbs, such as 5's and 4's that have never bloomed previously for anybody, produce spikes good enough for the big flower markets and fine enough for anybody's garden. However, if your season is short, or if your soil is deficient in some respect, or if there are other reasons, such as too much shade, better use the larger sizes, at least until you have first experimented with the smaller bulbs. It is true that the large bulbs have more stored-up plant food with which to start the plant off on its career, a real advantage where your growing conditions are not the best. No. 5's and most No. 4's are usually grown the first year from bulblets, and are therefore lower in price, because of a saving of one year in the time required to produce them by the Nurseryman.

Do not wait until the tops are brown and dead before digging. My glads are always green, every last plant of them, when I dig them in October. If there is ever a brown plant, there is a suspicion of something wrong with it, and over the fence it goes. Cut off the tops as you dig them, and store them where it is dry and frost-proof, and the old bulbs and roots can easily be removed in about a month, and the bulblets separated. Don't forget, freezing kills bulbs.

Bulbs remain dormant for about three months after digging, and will not usually start growth during that time. If they should grow, they will not be quite so vigorous as otherwise. They should not be planted before the last of January if dug in October. This is of importance to residents of the Southern States and California, who purchase Northern grown bulbs.

There are several kinds of thrips, only one of which affects glads. Other plants do not harbor the glad thrips, so that control measures are confined to glad plants and bulbs exclusively. It is a very small insect, almost microscopic in size, that is found between the sheath of the leaf or flower and the stem, where it sucks the juices from the plant. The blooms of thrips-infested plants appear to be shrivelled and discolored. Thrips fly, at least across a city block, so your neighbor should be on the alert also.

Disinfectants must reach the bug to be effective. This means you should use considerable force in spraying the growing plants, because glad leaves fit snugly to the stems.

For the plant spray, use a solution of $4\frac{1}{2}$ teaspoons of tartar emetic, $\frac{1}{2}$ pound of brown sugar, and 3 gallons of water, and spray the plants every ten days or so.

For the bulb dip, use 1 ounce of corrosive sublimate in 7 gallons of water, and soak the bulbs over night just before planting. Use wood or earthen containers and cloth bags. The powder should be dissolved first in a little hot water.

Another effective dip is made with Lysol. Stir the Lysol in water at the rate of one teaspoonful to a quart of water, and leave the bulbs in the solution for a few hours. Metal containers may be used. Renew the solution after a few dips.

REMEMBER, all these drugs are deadly poisons. They are all usually sold at any drug store.

A handy treatment for thrips control for bulbs in storage is the use of Naphthalene flakes. These flakes generate a gas that kills both the thrips and their eggs. Use a tight container, and sprinkle the flakes over the bulbs at the rate of a teaspoonful to 100 large bulbs. Do not leave the bulbs in this gas longer than two or three weeks, as there is danger of killing the buds on the bulbs.

Corrosive sublimate and Lysol also reduce the scab disease on bulbs. But for other diseases of bulbs the furnace is about the only effective remedy. Plant clean bulbs on new ground, if you have lost bulbs through disease. By destroying every suspected bulb, and by rotating my plantings each season around over my farm, I have always been successful in keeping my bulbs disease-free.

If you have had trouble with thrips or disease, do not give up. Both troubles may just disappear the next season, as many glad lovers have found. Glad thrips do not live over out of doors in freezing weather, and diseases often are overcome by resistant varieties. Indeed, the development of resistant strains is an important modern way of fighting diseases in many cultivated plants.

Plant a Victory Garden again this year. And lighten up the edges with a planting of bright glads. And when the need for Victory Gardens becomes less acute, as it surely will and soon, then folks will want to turn to happier things, away from the memories of war. One thing they are sure to turn to, in the years to come, is the raising of more flowers. By acquiring small bulbs or bulblets of the finer newer glads now, perhaps you will be in position then to help satisfy this coming demand for fine flowers.

Glads are bright and cheery. Glads have a wide variety of colors, making it easy for you to select your favorite colors. Glads have such nice handy stems, so that you can make them stay put in any desired position. Glads are not temperamental, but are easy to grow. Glads are easy to cut, and stay nice for a long time after being cut. Glads are never messy in basket or vase. Glads are available for any color scheme or arrangement imaginable. Glads are a good flower.